

# King County DNRP Water Quality Index

STATION **321** WATER YEAR **2017**

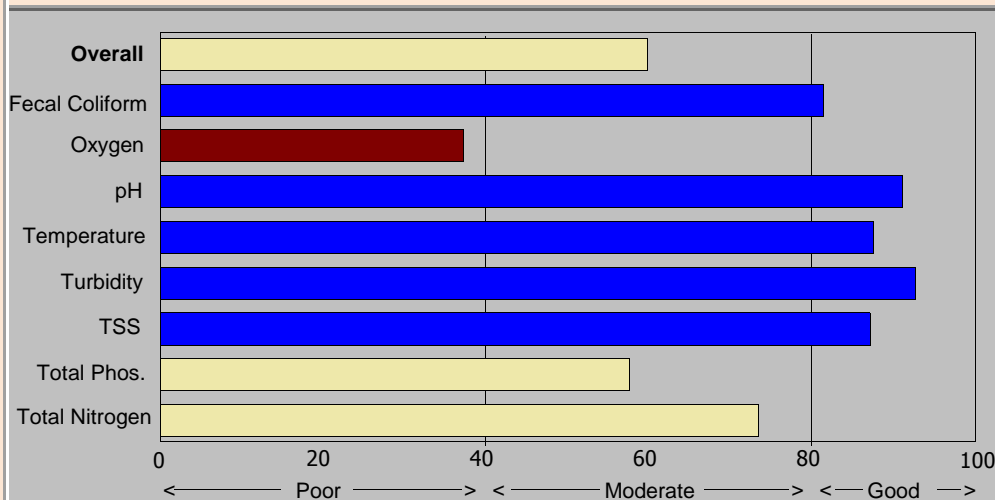
**GAUGE # 40d Crisp Creek at Green River RD**

**Overall Index 60**

King County monitors water quality in Crisp Creek at two locations. Station 0321 is located at the mouth of the creek at the bridge on Southeast Green Valley Road, west of 212th Place SE. Water quality samples were collected at this site monthly from 1972 to 2008 when budget cutbacks reduced the breadth of King County's water quality monitoring program. King County resumed regular monitoring in February 2013. Crisp Creek originates from several groundwater springs and a 20-acre bog and runs three miles before reaching the Green River. Its basin covers 3,200 acres and lies between the cities of Black Diamond and Maple Valley in southern King County. The upper reaches of Crisp Creek are forested where the stream traverses through commercial timberlands. Downstream of the commercial timberlands the riparian area becomes wider with mostly deciduous trees. Crisp Creek provides spawning and rearing habitat for coho, chinook, chum and winter steelhead.

## Annual Water Quality Index Scores

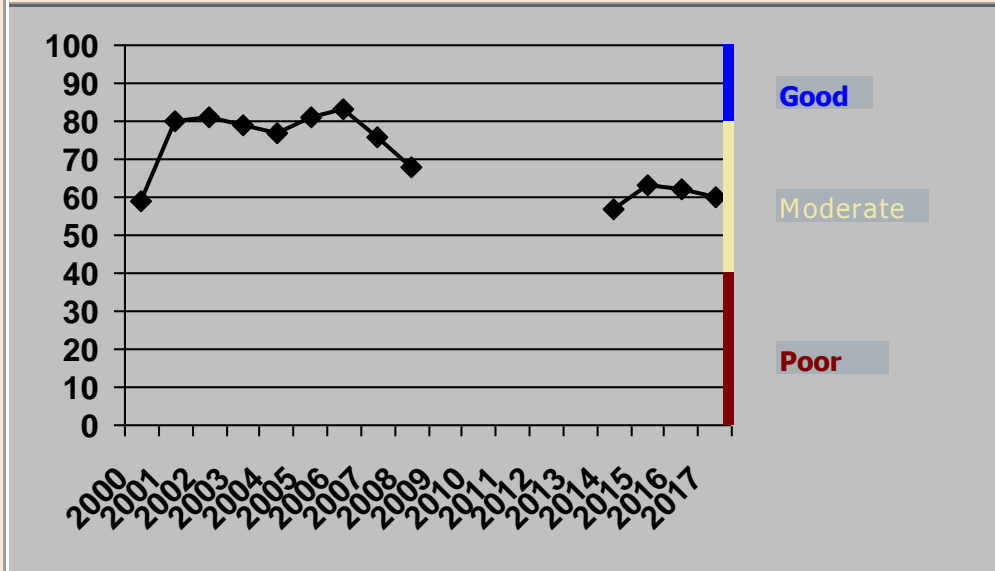
Water quality was MODERATE based on data collected 10/1/2016 to 9/30/2017.



## Monthly Scores For Water Year 2017

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
80	26	75	80	85	84	92	92	95	94	94	94

## WQI Score Comparison By Water Year



## About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit <https://green2.kingcounty.gov/streamsdata/WQI.aspx>

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>